

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A work space control apparatus for controlling activities conducted by objects in a work space as history, the apparatus comprising:

a detection device that detects an activity event conducted by each object in the work space including at least one non-simulated real space;

an activity event control device that saves the activity event detected while relating the activity event detected to time for each object during which each object conducts the detected activity event and a non-simulated real place for each object where each object conducts the detected activity event; and

a display device that displays the saved activity event by displaying the respective object conducting the saved activity event; wherein the objects in the work space include a person in the at least one non-simulated real space.

2. (Currently Amended) A work space control apparatus for controlling activities conducted by objects in a work space as history, the apparatus comprising:

a detection device that detects an activity event conducted by each object in the work space including at least one non-simulated real space;

an activity event control device that saves the detected activity event, which is conducted by each object, in association with each object and saves a link to another object that conducts the detected activity event together, in association with each ~~detected while the saved activity event of each object can be referred from another object;~~ and

a display device that specifies objects conducting the respective saved activity events, and displays a symbol representing each activity event and symbols representing the specified objects which conduct each activity event, ~~the plural saved activity events of one~~

~~object by tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects;~~

wherein the objects in the work space include a person in the at least one non-simulated real space.

3. (Previously Presented) The work space control apparatus according to claim 1, further comprising:

an actual body acquiring device that acquires non-simulated actual body information of the object of the activity according to the activity event saved by the activity event control device.

4. (Previously Presented) The work space control apparatus according to claim 1, wherein

the activity event control device saves the detected activity event while the detected activity event can be referred from the other object for each object of the activity event being accompanied by the information of the activity time, and

the display device displays the plural saved activity events in a time series.

5. (Previously Presented) The work space control apparatus according to claim 1, wherein the display device displays an activity event by displaying objects arranged in a positional relation based on a degree of relation between the objects.

6. (Previously Presented) The work space control apparatus according to claim 1, further comprising:

a capture input device photographs captured data of the activity conducted in the work space, wherein

the activity event control device controls the captured data corresponding to the activity event so as to supply captured data as a display output corresponding to the activity event.

7. (Previously Presented) The work space control apparatus according to claim 1, wherein

the detection device detects a change in a set of the user objects in the activity event, and

the activity event control device saves an activity as a different activity event each time the change is detected.

8. (Previously Presented) The work space control apparatus according to claim 3, further comprising:

an object access device that starts a predetermined processing motion responding to that the actual body acquiring device has made access to actual body information of an object.

9. (Previously Presented) The work space control apparatus according to claim 1, further comprising:

a warning device that outputs a warning to a user when a predetermined state is detected by the detection device.

10. (Previously Presented) The work space control apparatus according to claim 1, wherein the object includes a document used in the work space.

11. (Currently Amended) A work space control system ~~for controlling activities conducted by objects in each work space as history, the system~~ comprising:

a detection device that detects an activity event conducted by ~~the~~ an object in each work space including at least one non-simulated real space;

a work space history saving device that saves the detected activity event for each work space of the activity event;

an object history saving device that, upon detection of the activity event, saves the detected activity event for each object conducting the detected activity event and saves a link to another object that conducts the detected activity event together, in association with each object; ~~of the activity event responding to that the activity event is detected so that other objects can refer to the saved activity event; and~~

a display device that specifies objects conducting the respective saved activity events, and displays a symbol representing each activity event and symbols representing the specified objects which conduct each activity event, ~~the plural saved activity events of one object by tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects;~~

wherein the objects in the work space include a person in the at least one non-simulated real space.

12. (Currently Amended) The work space control system according to claim 11, wherein the display device displays ~~an activity event by displaying an~~ the symbols representing the specified objects in positions according to a degree of relation between the specified objects. object arranged in a positional relationship to the other objects.

13. (Currently Amended) An activity history control apparatus for controlling activities conducted by objects in a work space as history, the apparatus comprising:

a detecting device that detects an activity event conducted by each object in the work space including at least one non-simulated real space; and

a saving device, wherein whenever the detecting device detects the activity event conducted by ~~any~~ first and second objects of the objects, the saving device saves the

detected activity event ~~while the saved activity event of each object can be referred from another object;~~ in association with the first object and saves a link to the second object in association with the first object,

wherein the objects in the work space include a person in the at least one non-simulated real space.

14. (Canceled)

15. (Currently Amended) An activity event display apparatus for displaying and outputting history of activities conducted by objects in a work space, the apparatus comprising:

an acquiring device that acquires information of activity events of one object from a memory, which saves the activity events conducted by the respective objects in the work space including at least one non-simulated real space ~~so that the saved activity event of each object can be referred from the other objects;~~ and saves links to the respective objects conducting the respective activity events; and

a displaying device that displays a symbol representing each the activity events event of the one object, a symbol representing the one object and a symbol representing another object that conducts each activity event together, ~~by tracing other objects, which conducted the activity events of the one object with reference to the activity events of the one object and by displaying the one object and the other objects;~~

wherein the objects in the work space include a person in the at least one non-simulated real space.

16. (Currently Amended) A computer-readable recording medium that stores a computer-readable program for causing a computer to control activities conducted by objects in a work space as history, the program comprising instructions for causing the computer to:

detect an activity event conducted by first and second objects of the objects
~~each object~~ in the work space including at least one non-simulated real space; and

whenever the activity event is detected, save the detected activity event in
association with the first object and save a link to the second object in association with the
first object, while the detected activity event of each object can be referred from another
~~object; object,~~

wherein the objects in the work space include a person in the at least one non-simulated real space.

17. (Canceled).

18. (Currently Amended) A computer-readable recording medium that stores a computer-readable program for causing a computer to display and output the history of an activity which is conducted by an object in a work space, the program comprising instructions for causing the computer to:

acquire information of activity events of one object from a memory, which saves the activity events conducted by the respective objects in the work space including at least one non-simulated real space and saves links to the respective objects conducting the
respective activity events; ~~so that the saved activity event of each object can be referred from~~
~~another object;~~ and

~~displaying~~ display a symbol representing each activity event ~~the activity events~~
of the one object, a symbol representing the one object and a symbol representing another
object that conducts each activity event together, ~~by tracing other objects, which conducted~~

~~the activity events of the one object with reference to the activity events of the one object and by displaying the one object and the other objects;~~

wherein the objects in the work space include a person in the at least one non-simulated real space.

19. (Currently Amended) A method of controlling activities conducted by objects in a work space as history, the method comprising:

detecting an activity event conducted by each object in the work space including at least one non-simulated real space;

saving the detected activity event while relating the detected activity event to time for each object during which each object conducts the detected activity event and a real place for each object where each object conducts the detected activity event; and

displaying the saved activity event by displaying respective object conducting the saved activity ~~event~~; event.

wherein the objects in the work space include a person in the at least one non-simulated real space.

20. (Currently Amended) A method of controlling activities conducted by objects in a work space as history, the method comprising:

detecting an activity event conducted by each object in the work space including at least one non-simulated real space;

saving the detected activity event, which is conducted by each object, in association with each object and saving a link to another object that conducts the detected activity event together, in association with each object; ~~while the saved activity event of each object can be referred from another object; and~~

specifying objects conducting the respective saved activity events; and

displaying a symbol representing each activity event and symbols representing the specified objects which conduct each activity event, ~~the plurality saved activity events of one object by tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects;~~

wherein the objects in the work space include a person in the at least one non-simulated real space.

21. (Currently Amended) A method of controlling activities conducted by objects in a work space as history, the method comprising:

detecting an activity event conducted by each object in the work space including at least one non-simulated real space;

saving an the detected activity event, ~~which is detected event conducted by each object together with activity time information of the activity event while the saved activity event of each object can be referred from another object; and~~ event;

saving a link to another object that conducts the detected activity event in association with each object conducting the detected activity event; and

displaying ~~the plurality~~ symbols representing a plurality of the saved activity events of one object in a time series manner simultaneously. ~~by tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects;~~ wherein the objects in the work space include a person in the at least one non-simulated real space.